12-4-1989

Automated Test Equipment Research and Software Development

Chris Beck
Indiana University - Purdue University Fort Wayne

AUTOMATED TEST EQUIPMENT
RESEARCH AND SOFTWARE DEVELOPMENT

TO: Professor Hal Broberg
and EET students

FROM: Chris Beck

DATE: December 4, 1989

Abstract of:

AUTOMATED TEST EQUIPMENT
Research and Software Development

This project utilizes a IEEE 488 Bus-based system consisting of an HP Digital Oscilloscope, Signal Generator, and an IBM PC equiped with an HPIB controller card. By researching the system and creating software for circuit analysis and simple program development, I have created a project that may serve as a tool for EET students to use in order to rapidly gain a general understanding of the equipment and how to begin writing programs in QuickBasic 4.0 to control it.

CONTENTS

APPENDICIES: